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# RURAL DISTRICT COUNCIL OF MALDON

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

1972

## PUBLIC HEALTH & WORKS COMMITTEE 1972

| | |
|---|---|
| Chairman of the Council | Councillor Mr. G.H. Barber J.P. |
| Vice-Chairman of the Council and Chairman of the Public Health & Works Committee | Councillor Mr. H.L. Frost |
| Vice-Chairman | Councillor Mr. E.A. Ratcliff |
| Members: | Councillors Mr. A.W. Adkin<br>Mr. H.G. Binder<br>Mrs. B.A. Board<br>Mr. A.K. Doherty<br>Mr. S.W. Dunn<br>Mr. D.J. Fisher, J.P., C.C.<br>Mr. A. Green<br>Mr. C.J. Greenhill<br>Mrs. P. Herrmann<br>Mrs. E. Hoare<br>Dr. J.G. Madden<br>Mr. T. Martin<br>Mr. F.J. Ollington<br>Mr. R.L. Sennitt<br>Dr. M.P. Sisson<br>Mr. P.J. Smith<br>Mr. B.J.T. Thompson<br>Mr. G.A. Wager |

Clerk to the Rural District Council:

Ed. Robinson, A.C.I.S., M.I.L.G.A.

Surveyor and Water Engineer:

I.M. Nicholson, C. Eng., M.I.Mun.E., M.I.P.H.E.

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## PUBLIC HEALTH STAFF

| | |
|---|---|
| Medical Officer of Health: | Dr. B.V. Hassan, M.B., B.Ch., B.A.O., M.F.C.M., D.P.H., who also acts in this capacity for the Borough of Maldon, Urban District of Burnham-on-Crouch and the Rural District of Chelmsford. |
| Senior Public Health Inspector: | L.F. Newnham, F.R.S.H., M.A.P.H.I., A.I.H.M. |
| Deputy Senior Public Health Inspector | R.S. Fierheller, A.R.S.H., M.A.P.H.I. |
| Public Health Inspector | J.J. Knight |
| Clerks to the Public Health Inspectors: | Mrs. I. Broderick<br>Mrs P. May to 31.3.72.<br>Mrs. L. Rose from 20.3.72.<br>Miss F. Heath |
| Clerk to Medical Officer of Health: | Mrs. E. Seymer |

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LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE
LIBRARY
MAR 1976

To the Chairman and Members of the Maldon Rural District Council

Mr Chairman, Ladies and Gentlemen,

I present for your information the Annual Report on the health of Maldon Rural District for 1972. It accords with the Public Health Officers Regulations 1959 and Circular 1/73 of the Department of Health and Social Security.

It is again pleasant to record that the general health of the residents was satisfactory. No serious epidemic of infectious disease was recorded and the incidence of measles was exceptionally low. The single case of Paratyphoid fever was contracted abroad.

The Registrar General's estimate of the mid-year population was 22,830, an increase of 750 (3.3%) over the previous year. The natural increase (excess of births over deaths) was 206 leaving 544 as the number of people who moved into the district.

Live births totalled 427 of which only 18 (4%) were illegitimate. The crude birth rate per 1000 population was 18.7, and the adjusted rate was slightly lower at 17.6. This latter rate is 19% greater than the directly comparable rate for England and Wales. No stillbirths were recorded in the district during the year.

The total number of deaths was 221 (14 fewer than in 1971) and the crude and adjusted rates per 1000 population were the same at 9.7. The national death rate was considerably greater than this at 12.1. Infantile mortality in the district was also well below the figure for the country as a whole.

From the table of causes of death it can be calculated that diseases of the heart and circulation (including strokes) accounted for 110 deaths or 50% of the total. Cancers caused 33 deaths (15%) and over one fifth of these were cancers of the lungs and bronchus. There were 19 accidental deaths during the year, five of them involving a motor vehicle. Of the total deaths 126 (57%) were persons aged 75 years or over.

The forthcoming reorganisations of Local Government and of the National Health Service mean that this is the last annual report that I will present to you as Medical Officer of Health to Maldon Rural District Council. My crystal ball is hazy and I hesitate to attempt to forecast the future, but it might be appropriate to spend a little time looking backward.

The title of Medical Officer of Health dates back to 1847 when Dr William Henry Duncan took up the office in Liverpool. However it was not until the Public Health Act of 1872 that Rural Sanitary Authorities were formed with powers to appoint such officers, and in fact the first Medical Officer of Health in this area was appointed jointly by the Maldon, Chelmsford and Billericay R.S.A.'s in 1873.

The Maldon Rural District Council was formed, with wider powers, in 1895 and since that date it has been served by only five Medical Officers

of Health -

| | |
|---|---|
| Dr J.C. Thresh | 1895 - 1914 |
| Dr J.F. Macdonald | 1914 - 1954 |
| Dr T.D. Blott | 1954 - 1964 |
| Dr J.A. Slattery | 1964 - 1968 |
| Dr B.V. Hassan | 1968 - date |

Infectious diseases were a serious problem in the early days of the Rural Council and in the ten years 1891 - 1900, when the average population was about 13,000, there were 373 cases of Diphtheria, 25 cases of Smallpox and 127 cases of Typhoid Fever. Deaths from these diseases were respectively 34, 4 and 21 in the same period.

The Typhoid figures are particularly significant since this disease was at the time mainly spread by polluted water. In 1885 a survey of water supplies throughout the district revealed that 28% - probably those from deep wells and springs - were of good standard; 17% were considered usable; 22% were unsafe and 33% of the sources were dangerously polluted. The earliest provision of piped water supply in the area was to Burnham-on-Crouch, then a parish in the rural district, in 1887. Water from a well was pumped to a tower and distributed to a number of standpipes in the more populated part. A much larger scheme, which supplied water to over 20,000 acres around Purleigh, was completed by the R.D.C. in 1900, and from this date only one death due to Typhoid Fever has been reported. This single death occurred in 1950 and was traced to the consumption of infected shellfish.

Roadside ditches and other open drains formed the "sewers" when modern local government was in its infancy. But sewerage work was undertaken at an even earlier date than the provision of piped water, and following a severe epidemic of Typhoid Fever in Tollesbury in 1879 this village was the first in the district to be sewered. No treatment plant was provided and the raw sewage was discharged into the tidal waters. The first proper sewerage scheme was completed for the parish of Tillingham in 1888, the sewage being finally disposed on a field on the outskirts of the village.

These few illustrations of conditions which existed in the late 19th century are in marked contrast to the present situation in the rural district. And, of course, the general health of the residents faithfully reflects the improvement. But complacency is dangerous and the new Maldon District Council has still much work to do to ensure that man himself does not further pollute the environment by various toxic by-products of his own science.

My final duty is to thank the Council, The Public Health Committee and the individual Councillors for the consideration they have shown to me. My gratitude is also due to the Officers of the Council and especially of the Public Health Department for their cooperation and unfailing help. And I must especially mention my Secretary for her efficiency and forebearance during the year and in the compilation of this report.

I remain, Mr Chairman, Ladies and Gentlemen

Yours faithfully

B V HASSAN M.B., B.Ch., B.A.O., M.F.C.M., D.P.H.

Medical Officer of Health

## STATISTICS

(Figures in brackets refer to 1971)

### General Data

| | | |
|---|---|---|
| Area (in acres) ..... | 78,505 | ( 78,505) |
| Number of houses (mid year) ..... | 8,566 | ( 8,160) |
| Number of houses per acre (average) ..... | .109 | ( .103) |
| Number of persons per house (average)..... | 2.7 | ( 2.7 ) |
| Rateable Value ..... | £884,149 | (£860,665) |
| Product of a penny rate..... | £ 8,566 | (£ 8,566) |
| Rate in the pound (financial year 1972/73)..... | 79½p | ( 78½p) |

### Population

| | | |
|---|---|---|
| Resident population (Registrar General's mid year estimate) | 22,830 | ( 22,080) |
| Increase over the previous year | 750 | ( 1,980) |
| Percentage increase | 3.29 | ( 9.9 ) |
| Live Births | 427 | ( 401) |
| Deaths | 221 | ( 235) |
| Natural increase (excess of births over deaths) | 206 | ( 166) |
| Increase due to immigration | 544 | ( 1,814) |

## BIRTHS

### (a) Live Births

| | M | | F | | Total | |
|---|---|---|---|---|---|---|
| Legitimate | 211 | (198) | 198 | (187) | 409 | (385) |
| Illegitimate | 11 | ( 8) | 7 | ( 8) | 18 | ( 16) |
| Total | 222 | (206) | 205 | (195) | 427 | (401) |

| | | |
|---|---|---|
| Crude birth rate per 1,000 population | 18.7 | (18.2) |
| Adjusted birth rate per 1,000 population | 17.6 | (21.1) |
| Birth rate England and Wales | 14.8 | (16.0) |
| Ratio of adjusted birth rate to national rate | 1.19 | ( 1.32) |
| Illegitimate live births % of total live births | 4 | ( 4 ) |

### (b) Stillbirths

| | | | | | | |
|---|---|---|---|---|---|---|
| Legitimate | - | ( - ) | - | ( 4 ) | - | ( 4 ) |
| Illegitimate | - | ( - ) | - | ( - ) | - | ( - ) |
| Total | - | ( - ) | - | ( 4 ) | - | ( 4 ) |

| | | |
|---|---|---|
| Stillbirth rate per 1,000 total births | - | (10) |
| " " " " " " England & Wales | 12 | (12) |

### (c) Total Births

| | | | | | | |
|---|---|---|---|---|---|---|
| Legitimate | 211 | (198) | 198 | (191) | 409 | (389) |
| Illegitimate | 11 | ( 8) | 7 | ( 8) | 18 | ( 16) |
| Total | 222 | (206) | 205 | (199) | 427 | (405) |

DEATHS

| (a) All Ages | M | F | Total |
|---|---|---|---|
| | 104 (125) | 117 (110) | 221 (235) |

Crude death rate per 1,000 population 9.7 (10.6)
Adjusted " " " " " 9.7 ( 9.2)
England & Wales " " " 12.1 (11.6)

| (b) Deaths of Infants | M | F | Total |
|---|---|---|---|
| (i) Under one year of age (Infant deaths) | | | |
| Legitimate | 1 (2) | 1 (1) | 2 (3) |
| Illegitimate | - (-) | - (-) | - (-) |
| Total | 1 (2) | 1 (1) | 2 (3) |

Infant mortality rate per 1,000 live births 5 (7)
" " " England & Wales 17 (18)

| (ii) Under four weeks of age (Neonatal deaths) | | | |
|---|---|---|---|
| Legitimate | - (2) | 1 (1) | 1 (3) |
| Illegitimate | - (-) | - (-) | - (-) |
| Total | - (2) | 1 (1) | 1 (3) |

Neonatal mortality rate per 1,000 live births 2 (7)
" " " England & Wales 12(12)

| (iii) Under one week of age (early neonatal deaths) | | | |
|---|---|---|---|
| Legitimate | - (2) | 1 (1) | 1 (3) |
| Illegitimate | - (-) | - (-) | - (-) |
| Total | - (2) | 1 (1) | 1 (3) |

Early neonatal mortality rate per
1,000 live births 2 (7)
" " " England & Wales 10(10)

DEATHS (CONTINUED)

(iv) Perinatal Mortality (Stillbirths and deaths under one week of age combined)

| | | |
|---|---|---|
| Perinatal Mortality rate per 1,000 live and stillbirths | | 2 (17) |
| " " " | England & Wales | 22 (22) |

(c) Maternal Mortality (Deaths of women ascribed to pregnancy or childbirth including abortion)

| | | |
|---|---|---|
| Maternal Mortality rate per 1,000 live and stillbirths | | - ( - ) |
| " " " | England & Wales* | 0.17(0.17) |

*Calculated from the last four available quarters

CAUSES OF DEATH

| | | Male | Female | Total |
|---|---|---|---|---|
| B6(1) | Late Effects of Respiratory TB | 1 ( -) | - ( -) | 1 ( -) |
| B19(4) | Malignant Neoplasm, Intestine | 1 ( 5) | 6 ( 3) | 7 ( 8) |
| B19(6) | Malignant Neoplasm, Lung, Bronchus | 4 ( 12) | 3 ( 2) | 7 ( 14) |
| B19(7) | Malignant Neoplasm, Breast | - ( -) | 5 ( 4) | 5 ( 4) |
| B19(8) | Malignant Neoplasm, Uterus | - ( -) | 2 ( 1) | 2 ( 1) |
| B19(9) | Malignant Neoplasm, Prostate | 1 ( 1) | - ( -) | 1 ( 1) |
| B19(11) | Other Malignant Neoplasms | 5 ( 4) | 6 ( 10) | 11 ( 14) |
| B21 | Diabetes Mellitus | - ( 1) | 2 ( 2) | 2 ( 3) |
| B22 | Avitaminoses, etc. | 1 ( -) | - ( -) | 1 ( -) |
| B46(3) | Mental Disorders | - ( -) | 1 ( 1) | 1 ( 1) |
| B46(5) | Other Diseases of Nervous System | 1 ( 1) | 1 ( -) | 2 ( 1) |
| B26 | Chronic Rheumatic Heart Disease | 2 ( 1) | 1 ( 1) | 3 ( 2) |
| B27 | Hypertensive Disease | 2 ( 3) | 1 ( 3) | 3 ( 6) |
| B28 | Ischaemic Heart Disease | 30 ( 36) | 25 ( 25) | 55 ( 61) |
| B29 | Other Forms of Heart Disease | 5 ( 5) | 4 ( 2) | 9 ( 7) |
| B30 | Cerebrovascular Disease | 15 ( 14) | 17 ( 19) | 32 ( 33) |
| B46(6) | Other Diseases of Circulatory System | 3 ( 4) | 5 ( 4) | 8 ( 8) |
| B31 | Influenza | 1 ( -) | 1 ( -) | 2 ( -) |
| B32 | Pneumonia | 11 ( 10) | 15 ( 10) | 26 ( 20) |
| B33(1) | Bronchitis and Emphysema | 3 ( 7) | - ( 1) | 3 ( 8) |
| B33(2) | Asthma | - ( -) | 1 ( -) | 1 ( -) |
| B46(7) | Other Diseases of Respiratory System | - ( -) | 2 ( 2) | 2 ( 2) |
| B34 | Peptic Ulcer | 1 ( 1) | 2 ( 2) | 3 ( 3) |
| B36 | Intestinal Obstruction and Hernia | - ( -) | 1 ( -) | 1 ( -) |
| B46(8) | Other Diseases of Digestive System | - ( 2) | 1 ( -) | 1 ( 2) |
| B46(9) | Other Diseases, Genito-Urinary System | 1 ( 2) | - ( 2) | 1 ( 4) |
| B46(11) | Diseases of Musculo-Skeletal System | - ( -) | 3 ( 2) | 3 ( 2) |
| B42 | Congenital Anomalies | - ( 1) | 1 ( 2) | 1 ( 3) |
| B45 | Symptoms and Ill Defined Conditions | 3 ( 2) | 4 ( 2) | 7 ( 4) |
| BE47 | Motor Vehicle Accidents | 4 ( 2) | 1 ( -) | 5 ( 2) |
| BE48 | All Other Accidents | 8 ( 2) | 6 ( 2) | 14 ( 4) |
| BE49 | Suicide and Self-inflicted Injuries | 1 ( 1) | - ( 1) | 1 ( 2) |
| TOTAL ALL CAUSES | | 104 (125) | 117 (110) | 221 (235) |

## COMMUNICABLE DISEASES

| | Notifications according to age groups | | | | | | | Incidence rate per 10,000 population | |
|---|---|---|---|---|---|---|---|---|---|
| | Under 1 | 1-4 | 5-9 | 10-14 | 15-24 | 25 & over | Total | Maldon R.D.C. | England & Wales |
| Measles | 2 | 5 | 6 | 1 | - | - | 14 | 6.1 | 29.7 |
| Dysentery | - | - | - | - | - | - | - | - | 1.8 |
| Scarlet Fever | - | - | - | - | - | - | 1* | 0.4 | 2.2 |
| Whooping Cough | - | - | - | - | - | - | - | - | 0.4 |
| Infective Jaundice | - | - | 2 | - | - | 1 | 3 | 1.3 | 2.4 |
| Tuberculosis Respiratory | - | - | - | - | - | 1 | 1 | 0.4 | 1.7 |
| Poliomyelitis | - | - | - | - | - | - | - | - | 0.001 |
| Paratyphoid Fever | - | - | - | - | - | - | 1** | 0.4 | 0.02 |
| Typhoid Fever | - | - | - | - | - | - | - | - | 0.03 |
| Food Poisoning | - | 1 | - | - | - | - | 1 | 0.4 | 1.1 |

* Age not known

** 1 case in October 1972 not notified until February 1973

## PUBLIC HEALTH INSPECTIONS OF THE AREA

| | Description of Work | No. of Visits |
|---|---|---|
| Housing: | Disrepair and sanitary defects | 56 |
| | Reconditioning or demolition | 53 |
| | Overcrowding | 29 |
| | Council House Applications | 34 |
| | Houses surveyed and recorded | 5 |
| | Qualification Certificates | 10 |
| | Miscellaneous | 2 |
| Improvement Grants: Discretionary Improvement or Conversion | Initial visits | 237 |
| | Visits of works in progress | 459 |
| | Visits upon completion | 49 |
| Standard Grants: | Initial visits | 22 |
| | Visits of works in progress | 103 |
| | Visits upon completion | 6 |
| Public Health Acts: | Public Health Nuisances | 100 |
| | Smoke Nuisances | 3 |
| | Noise Nuisances | 20 |
| Sewerage and Drainage: | Surveys re proposed sewage schemes | 69 |
| | Drainage nuisances | 131 |
| | Drainage advisory visits | 53 |
| | Drain tests and inspections | 114 |
| | Closet conversions | 54 |
| Public cleansing supervision | Refuse collection | 76 |
| | Refuse disposal | 50 |
| | Nightsoil collection | 34 |
| | Nightsoil disposal | 1 |
| | Cesspool emptying | 6 |
| | Civic Amenities Act | 13 |
| | Public conveniences | 2 |
| Water supply: Samples taken from: | Public Mains supply | 5 |
| | Private wells | 2 |
| | Swimming pools | 6 |
| Other Visits | | 111 |
| | Carried Forward | 1915 |

| | Description of Work | No. of Visits |
|---|---|---|
| | Brought Forward | 1915 |
| Caravan Sites | Seasonal Holiday | 5 |
| | Individual sites | 11 |
| | Permanent residential | 3 |
| Food: | Bakehouses | 1 |
| | Fish Shops and Fish Fryers | 4 |
| | Game Dealers | 2 |
| | General Provision Shops | 15 |
| | Ice Cream Premises (Rgd.) | 2 |
| | Meat Products Premises (Rgd.) | 1 |
| | Meat Shops | 2 |
| Food Premises Inspections: | Poultry Dressing premises | 3 |
| | Public Houses and Inns | 5 |
| | Restaurants and Cafes | 10 |
| | Slaughterhouses and meat inspection | 298 |
| | Street Vendors | 5 |
| | School kitchens and sculleries | 2 |
| | Dairies | 1 |
| | Food Inspections | 3 |
| Rodent and other Pests Control | Treatment of domestic premises | 9 |
| | Treatment of agriculture and business premises | 10 |
| Inspections re: | Other pests | 24 |
| | Premises disinfected | 4 |
| Factories and Workshops: | Factories with mechanical power | 9 |
| Offices, Shops and Railway Premises Act: | Offices | 3 |
| | Shops | 3 |
| | Carried Forward | 2350 |

| | Description of Work | No. of Visits |
|---|---|---|
| | Brought Forward | 2350 |
| Miscellaneous | Scrap Metal Dealers Act | 1 |
| | Boiling of Waste Foods | 4 |
| | Pet Shops | 3 |
| | Notifiable Disease Investigations | 2 |
| | Stables and Piggeries | 15 |
| | Pop Festival | 6 |
| | Miscellaneous Visits | 156 |
| | TOTAL NUMBER OF INSPECTIONS UNDER PUBLIC HEALTH | 2537 |
| Council House Management: | Maintenance | 50 |
| | Modernisation | 278 |
| | Applications | 40 |
| Inspections re: | Revision of waiting lists | 7 |
| | Other Visits | 36 |
| | TOTAL NUMBER OF ALL INSPECTIONS MADE | 2948 |

## NOTICES SERVED AND COMPLIED WITH

NATURE OF WORK

| Public Health and Housing Acts | Formal | Informal | Complied with |
|---|---|---|---|
| Cesspool Nuisances | 5 | 2 | - |
| Drainage Nuisances | - | 28 | 3 |
| Housing Defects | 3 | 9 | - |
| Fly Infestations | - | 2 | 1 |
| Noxious Effluvia | - | 1 | 1 |
| Defective or unsatisfactory drains and sewers | 34 | - | - |
| Abandoned vehicles | 8 | 5 | 9 |
| Noise Nuisance | - | 1 | 1 |
| Nuisance from animals and poultry | - | 3 | - |
| Inadequate rainwater drainage | - | 1 | - |
| Emission of asbestos dust | - | 1 | 1 |
| Flea infestation | - | 1 | 1 |
| Larvae | - | 1 | 1 |

## WORK CARRIED OUT BY ENGINEER AND SURVEYOR'S DEPARTMENT

### Sewerage and Sewage Disposal

The following work was carried out in 1972.

1. Catchpole Lane Pumping Station, Great Totham

This scheme which was commenced in June, 1971, comprises the replacing of the 6" sewer in Hall Road, Great Totham with a 9" sewer and the installation of the new pumping station in Catchpole Lane and the construction of a pumping main in Catchpole Lane to the existing sewer in Walden House Road in order to relieve the flow at The Causeway pumping station. The tender for this scheme was £14,672.

2. Broad Street Green Sewer Extension, Great Totham

Work commenced in April, 1972 on the extension of the sewer in Broad Street Green to enable the properties to be sewered for the first time. This sewer is connected to the Maldon Borough sewer and the sewerage from these properties is treated at the Maldon Borough sewage works. The tender for this work was £18,602.

3. Sewer Extension and Pumping Station, The Esplanade, Maylandsea

In September a start was made on the extension of the sewer in The Esplanade and Imperial Avenue and the construction of a new pumping station and pumping main to sewer the properties at the western end of Maylandsea. The tender for this work was £16,244.

4. Extension to Sewage Works, Great Totham

This scheme was commenced in October, 1972, and comprises the extension to the works by constructing a Pasveer Ditch and other alterations to the existing works in order to deal with the greatly increased flow to the works. The new works when completed will deal with a total Dry Weather Flow of 153,500 gallons. The tender for this work was £14,462.

5. North Fambridge Sewage Scheme

The scheme for sewering North Fambridge village has now been prepared and submitted to the Ministry for approval and it is hoped a start will be made early in 1973. The scheme consists of sewering the main part of North Fambridge village and the construction of two pumping stations and laying a pumping main from North Fambridge to Latchingdon Road, Cold Norton where it will discharge into the gravity sewer flowing to the Latchingdon Sewage Disposal Works.

6. St. Lawrence Sewerage and Sewage Disposal Scheme

The scheme for sewering the village has now been approved in principal by the Department of the Environment and it is hoped to obtain tenders for the work early in 1973. The scheme comprises gravity sewers, pumping mains, three pumping stations and sewage disposal works.

7. Cock Clarks Purleigh Sewerage and Sewage Disposal Scheme

A scheme is being prepared for dealing with the Cock Clarks hamlet and this has been submitted to the County Council for approval. The work consists of gravity sewer, pumping main, one pumping station and a small disposal works.

8. Woodham Mortimer and Hazeleigh Sewerage and Sewage Disposal Scheme

Work is in hand on the preparation of a scheme for these two parishes.

## DRAINAGE IMPROVEMENTS AND PAIL CLOSET CONVERSIONS

During the year the following work has been carried out under the supervision of the Public Health Department.

### Sewer Connections

| | |
|---|---|
| Bradwell-on-Sea | 2 |
| Cold Norton | 3 |
| Latchingdon | 2 |
| Mayland | 8 |
| Stow Maries | 1 |
| Tolleshunt Major | 2 |
| Little Totham | 1 |
| Great Totham | 1 |

| | |
|---|---|
| 50 per cent contribution to the cost of closet conversion (Section 47 of the Public Health Act, 1936) .. | 7 |
| Premises drained to Cesspools or Septic Tanks .. .. .. | 11 |
| Conversion of pail closets to water closets .. .. .. | 98 |

RECORD OF HABITABLE HOUSES AND WATER SUPPLY AS AT 31ST DECEMBER 1972

| PARISH | Habitable Houses (not including Huts or Vans) | No. of Houses on Domestic Water Supply | Within 100 yds of main water but not supplied | Where piped water supply is not available |
|---|---|---|---|---|
| Althorne | 294 | 294 | - | - |
| Asheldham | 53 | 53 | - | - |
| Bradwell-on-Sea | 274 | 273 | - | 1 |
| Braxted, Great | 132 | 110 | 2 | 20 |
| Braxted, Little | 54 | 54 | - | - |
| Cold Norton | 244 | 244 | - | - |
| Dengie | 53 | 47 | - | 6 |
| Fambridge, North | 181 | 181 | - | - |
| Goldhanger | 210 | 206 | - | 4 |
| Hazeleigh | 43 | 43 | - | - |
| Langford | 63 | 59 | 1 | 3 |
| Latchingdon | 535 | 535 | - | - |
| Mayland | 329 | 329 | - | - |
| Mundon | 109 | 109 | - | - |
| Purleigh | 402 | 400 | - | 2 |
| St. Lawrence | 189 | 189 | - | - |
| Southminster | 1022 | 1006 | 1 | 15 |
| Steeple | 172 | 170 | - | 2 |
| Stow Maries | 85 | 85 | - | - |
| Tillingham | 381 | 368 | 6 | 7 |
| Tollesbury | 751 | 750 | - | 1 |
| Tolleshunt D'Arcy | 374 | 357 | 6 | 11 |
| Tolleshunt Knights | 249 | 249 | - | - |
| Tolleshunt Major | 159 | 158 | - | 1 |
| Totham, Great | 818 | 814 | - | 4 |
| Totham, Little | 113 | 108 | 3 | 2 |
| Ulting | 53 | 45 | - | 8 |
| Wickham Bishops | 516 | 486 | 2 | 28 |
| Woodham Mortimer | 173 | 171 | 1 | 1 |
| Woodham Walter | 210 | 198 | 1 | 11 |
| TOTALS | 8241 | 8091 | 23 | 127 |

WATER SUPPLY

I am indebted to the Chief Engineer (Distribution) of the Essex Water Company for this information.

"The water supply of the district has been satisfactory in quality and quantity and no serious contamination has occurred. The number of dwellings supplied with piped water is 7,709 and the number supplied by standpipe is insignificant. Fluoride content of the water normally varies between 0.22 and 0.30 mg/litre.

The following table shows the bacteriological results on final water leaving the River works during the year."

| Works | Total Number of Samples | Average* Plate Count per ml 24h/37°c | Coliform Organisms | | E.coli | |
|---|---|---|---|---|---|---|
| | | | Maximum MPN/100ml | Absent in 100ml % of Samples | Maximum MPN/100ml | Absent in 100ml % of Samples |
| Langham | 312 | 17 | 3 | 99.0 | 3 | 99.0 |
| Layer | 312 | 17 | 0 | 100 | 0 | 100 |
| Langford | 365 | 23 | 2 | 99.7 | 0 | 100 |
| Hanningfield | 312 | 8 | 2 | 99.1 | 2 | 99.1 |

* Based on weekly samples only

## Swimming Baths and Pools

There is a small open air salt water pool at Tollesbury and small open air pools at Bradwell-on-Sea, Latchingdon, Purleigh and Great Totham County Primary Schools. Tests of the school pools in connection with efficiency of chlorination and pH value of the water are carried out.

# PUBLIC CLEANSING

## Household Refuse

A weekly collection is carried out by Contractors in all Parishes of the District. From the more outlying properties this collection is done by direct labour.

Arrangements for the collection of more bulky items of household refuse may be made on application to the Public Health Department and this service is provided by Direct Labour.

## Collection of Nightsoil

Until the Council's programme of main drainage is completed the number of properties without water closets must unfortunately remain high and is currently estimated at 334.

A weekly pail closet collection from those parts of Parishes where main drainage is not available is carried out by private contractors.

## Emptying of Cesspools

The Council commenced a scheme for the emptying of cesspools throughout the district in April, 1961. The scheme allows for a once yearly free clearance of a load not exceeding 1,000 gallons.

## Derelict Cars

The Council has arranged for the removal of 13 car bodies during the year. This work is being carried out for the Council by a firm of car breakers.

## Oil Pollution of Beaches

The district has been fortunate in this respect in that no pollution has occurred. The Essex County Council have an emergency plan for the coastal district of the County including the Maldon Rural District.

## HOUSING

### Statistics for the Year 1972

Number of new houses erected during the year:

| | |
|---|---|
| Total .. .. .. .. .. .. .. .. | 141 |
| (i) By the Local Authority .. .. .. .. .. | 0 |
| (ii) By other bodies and persons .. .. .. .. | 141 |

The following table classifies the properties erected and owned by the District Council.

| PARISH | 4 Bedroom | 3 Bedroom | 2 Bedroom | 1 Bedroom | Total |
|---|---|---|---|---|---|
| Althorne | - | - | - | - | - |
| Asheldham | - | 5 | 2 | - | 7 |
| Bradwell-on-Sea | 2 | 20 | 7 | 7 | 36 |
| Braxted, Great | - | 18 | 2 | - | 20 |
| Braxted, Little | - | 4 | - | - | 4 |
| Cold Norton | - | 10 | - | - | 10 |
| Dengie | - | 8 | - | - | 8 |
| Fambridge, North | - | - | - | - | - |
| Goldhanger | - | 80 | 4 | 8 | 92 |
| Hazeleigh | - | 6 | - | - | 6 |
| Langford | - | - | - | - | - |
| Latchingdon | 2 | 44 | 23 | - | 80 |
| Mayland | - | 12 | - | - | 12 |
| Mundon | - | 22 | - | - | 22 |
| Purleigh | 2 | 66 | 13 | - | 81 |
| St. Lawrence | - | - | - | - | - |
| Southminster | 12 | 174 | 23 | 12 | 225 |
| Steeple | 1 | 18 | 3 | - | 22 |
| Stow Maries | - | 18 | - | - | 18 |
| Tillingham | - | 49 | 5 | 7 | 64 |
| Tollesbury | - | 64 | 8 | - | 74 |
| Tolleshunt D'Arcy | - | 58 | 14 | 8 | 82 |
| Tolleshunt Knights | - | 10 | - | - | 10 |
| Tolleshunt Major | 2 | 13 | 2 | - | 17 |
| Totham, Great | 1 | 92 | 27 | 4 | 126 |
| Totham, Little | - | 11 | - | - | 11 |
| Ulting | - | - | - | - | - |
| Wickham Bishops | 2 | 51 | 8 | - | 61 |
| Woodham Mortimer | - | 18 | - | - | 18 |
| Woodham Walter | - | 24 | 14 | - | 38 |
| Totals | 24 | 916 | 155 | 46 | 1144 |

The total includes six Coastguard Cottages (parlour) re-erected on a new site in Bradwell-on-Sea and buildings at Asheldham and Southminster converted into six dwellings, nine cottages (non-parlour) purchased by the Council at Wickham Bishops, and 18 agricultural cottages (parlour) at Asheldham (4), Southminster (4), Steeple (6), Tolleshunt D'Arcy (4), 26 houses at Tillingham, 20 houses at Latchingdon and 104 houses at Southminster (built for occupation by employees of the Central Electricity Generating Board employed at Bradwell Generating Station. 60 of these - Tillingham 10, Latchingdon 10, Southminster 40 - have now reverted to the Council for general letting purposes).

## Housing Act, 1957

### Houses repairable at reasonable cost

| | Formal | Informal |
|---|---|---|
| No. of houses rendered fit after service of notices under Housing Act, 1957: Ss. 9, 10 and 16 | | |
| By owner: | 3 | 95 |
| By local authority: | Nil | Nil |
| No. of houses rendered fit after service of notices under Public Health Act | | |
| By owner: | Nil | Nil |
| By local authority: | Nil | Nil |
| Totals: | | |
| By owner: | 3 | 95 |
| By local authority: | Nil | Nil |

### Houses not repairable at reasonable cost

No. of Undertakings accepted (S.16) .....13

No. of Closing Orders made (S.17) ..... 0

No. of Demolition Orders made (S.17) ..... 0

No. of houses demolished .....10

No. of Persons Displaced
(a) Individuals .....27
(b) Families .....11

No. of Clearance Areas represented during the year .....Nil

## Housing Act 1969

### Improvement Grants

(1) Standard

1. No. of Applications

| | Owner/Occupiers Standard | | Tenanted Standard | |
|---|---|---|---|---|
| | 5 Point | 3 Point | 5 Point | 3 Point |
| Received | 24 | - | - | - |
| Approved | 13 | - | 7 | - |
| Refused | - | - | - | - |

2. No. of dwellings improved ... 67

3. Amount paid in grants ... ... ... ... £11650.61

4. Average grant per house ... ... ... £173.89

5. No. of amenities provided:

| | |
|---|---|
| (a) Fixed bath ... ... ... ... | 34 |
| (b) Shower ... ... ... ... | - |
| (c) Wash hand basin ... ... ... | 35 |
| (d) Hot water supply (to any fittings) | 36 |
| (e) Water closet | |
| (i) Within dwelling ... ... | 36 |
| (ii) Accessible from dwelling ... | - |
| (f) Food store ... ... ... ... | - |

(2) Discretionary

| | Owner/Occupier | Tenanted |
|---|---|---|
| 1. No. of applications received | 95 | - |
| 2. No. of applications approved | 58 | 43 |
| 3. No. of applications refused | 1 | - |
| 4. No. of dwellings improved | 75 | - |
| 5. Amount paid in grants ... ... ... ... | £44807.50 | |
| 6. Average grant per house ... ... ... ... | £597.43 | |

Housing Act

The following table gives an analysis of the number of houses modernised since the improvement grant scheme was introduced in 1949:

| PARISH | Improvement Grants | Standard Grants | Council Houses | Total Modernised |
|---|---|---|---|---|
| Althorne | 36 | 12 | - | 48 |
| Asheldham | 4 | 6 | - | 10 |
| Bradwell-on-Sea | 22 | 16 | 18 | 56 |
| Braxted, Great | 20 | 3 | 6 | 29 |
| Braxted, Little | 11 | 2 | - | 13 |
| Cold Norton | 32 | 4 | - | 36 |
| Dengie | 7 | - | 8 | 15 |
| Fambridge, North | 23 | 4 | - | 27 |
| Goldhanger | 22 | 6 | 28 | 56 |
| Hazeleigh | 5 | 3 | - | 8 |
| Langford | 10 | - | - | 10 |
| Latchingdon | 18 | 5 | 18 | 41 |
| Mayland | 22 | 7 | 12 | 41 |
| Mundon | 13 | 6 | 34 | 53 |
| Purleigh | 24 | 12 | 18 | 54 |
| St. Lawrence | 7 | 2 | - | 9 |
| Southminster | 28 | 14 | 39 | 81 |
| Steeple | 16 | 5 | 6 | 27 |
| Stow Maries | 10 | 4 | 6 | 20 |
| Tillingham | 33 | 14 | 6 | 53 |
| Tollesbury | 119 | 32 | 30 | 181 |
| Tolleshunt D'Arcy | 30 | 11 | 12 | 53 |
| Tolleshunt Knights | 26 | 19 | 10 | 55 |
| Tolleshunt Major | 29 | 5 | - | 34 |
| Totham, Great | 70 | 21 | 26 | 117 |
| Totham, Little | 18 | 7 | - | 25 |
| Ulting | 14 | 6 | - | 20 |
| Wickham Bishops | 30 | 18 | 21 | 69 |
| Woodham Mortimer | 16 | 4 | 6 | 26 |
| Woodham Walter | 30 | 2 | 12 | 44 |
| | 745 | 250 | 316 | 1311 |

Total number of houses in district at end of 1939 - 5,052

Housing Act, 1964

| | |
|---|---|
| No. of Improvement Areas ... ... ... ... ... ... | NIL |
| No. of representations made by tenants outside Improvement Areas | NIL |

Housing Act, 1969

| | |
|---|---|
| No. of General Improvement Areas ... ... ... ... ... | NIL |
| No. of applications for Qualification Certificates ... ... | 5 |
| No. of Qualification Certificates granted ... ... ... | 3 |
| No. of Qualification Certificates refused ... ... ... | NIL |

Caravan Sites and Control of Development Act, 1960

No. of Site Licences operating as at 31st December 1971:

| | | |
|---|---|---|
| (a) | Individual | 23 residential 61 holiday |
| (b) | Multiple | 1 residential situated at Riverview Caravan Park, Althorne, which is licensed for 100 caravans. |

7 holiday sites as follows:-

| Sites | No. of Licensed Caravan Sites |
|---|---|
| Green Man Camping Site, Bradwell-on-Sea | 30 |
| St. Cedd's Caravan Park, East End Road, Bradwell-on-Sea | 120 |
| Everitts Caravan Park, Maylandsea, Latchingdon | 30 |
| Lawlinge Caravans, Maylandsea, Latchingdon | 100 |
| St. Lawrence Caravan Club, St. Lawrence Bay | 400 |
| Wick Farm Caravan Site, St. Lawrence Bay | 175 |
| Steeple Bay Caravan Park, Steeple | 388 |

Total No. of Caravans:

| | |
|---|---|
| Residential | 123 |
| Holiday | 1304 |

Tented Camping Sites

There are three tented camping sites in regular use during the year. One of these sites is licensed and in the case of the other two the period of use is not sufficient to require formal licensing. Conditions at these sites are satisfactory.

Gypsies and other Travellers

To date the Essex County Council has not established any official sites for gypsies in the district. Although travellers visit the district periodically to do seasonal work on farms they do not constitute a serious problem in the Maldon Rural District. It has been the policy of this Council to give sympathetic consideration to the rehousing of caravan dwellers including such travellers as show desire to settle in the district.

## FOOD AND DRUGS ACT, 1955

### Meat Inspection

Carcases Inspected and Condemned:-

| | Cattle excluding cows | Cows | Calves | Sheep | Pigs |
|---|---|---|---|---|---|
| Number killed | 1,797 | 168 | 28 | 4,146 | 3,992 |
| Number not inspected | - | - | - | - | - |
| All diseases except Tuberculosis & Cysticerci: | | | | | |
| Whole carcases condemned | 5 | 2 | 4 | 4 | 4 |
| Carcases of which some part or organ was condemned | 140 | 32 | 1 | 110 | 139 |
| Tuberculoses Only: | | | | | |
| Whole carcases condemned | - | - | - | - | - |
| Carcases of which some part or organ was condemned | - | - | - | - | 11 |
| Cysticerci: | | | | | |
| Carcases of which some part or organ was condemned | - | - | - | - | - |
| Carcases submitted to Refrigeration | - | - | - | - | - |
| Generalised and totally condemned | - | - | - | - | - |

Meat Specimens Examined .. Nil

### Meat Inspection (Amendment) Regulations 1966

No orders have been made specifying days and times of slaughtering.

### Poultry Inspection

There are two poultry slaughter establishments in the district with an estimated total average through-put of 14,500. A general oversight over the inspection of poultry carried out by the trade in accordance with the Ministry of Health Circular 261/2 is maintained.

## Slaughterhouses

**Prevention of Cruelty Regulations:**
Contraventions: NIL

**Hygiene Regulations - Equipment**
Contraventions: NIL

**Hygiene Regulations - Hygiene Practices**
Contraventions: NIL

## Unsound Food Surrendered or Condemned

| | Tons | Cwts | lbs |
|---|---|---|---|
| Meat at Slaughterhouses | 2 | 5 | 25 |
| Meat at Wholesale Premises | 2 | 15 | - |
| Meat at retail shops | - | - | - |
| Cooked Meat and Meat Products | - | - | - |
| Canned Meats | - | - | 7 |
| Other Foods (Canned) | - | - | 52 |
| Fish (Fresh) | - | - | - |
| Fruit and Vegetables | - | - | - |
| Frozen Foods due to cabinet breakdown | - | - | 60 |
| Other Foods | - | 1 | 70 |
| Total | 5 | 2 | 102 |

## Foreign Bodies in Food

| Commodity | |
|---|---|
| Milk .. .. .. .. | 1 |
| Meat Pies .. .. .. | - |
| Vegetables .. .. | - |
| Confectionery .. .. | 1 |
| Bread .. .. .. | 2 |
| Other food .. .. | 10 |

Bakehouses

There are four bakehouses in the district situated in the following parishes

| | |
|---|---|
| Tillingham .. .. .. .. .. | 1 |
| Tollesbury .. .. .. .. .. | 2 |
| Wickham Bishops .. .. .. .. | 1 |

Regular inspections are carried out and conditions are satisfactory.

Milk Supply

There are 30 licensed distributors of milk in the district

## ADMINISTRATION OF THE FACTORIES ACT 1961

Inspections for the purposes of provisions as to Health, including inspections made by Public Health Inspectors.

| | Number on Register | Inspections | Written Notices | Occupiers Prosecuted |
|---|---|---|---|---|
| (a) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authorities | 2 | - | - | - |
| (b) Factories not included in (a) in which Section 7 is enforced by the Local Authority | 57 | - | - | - |
| (c) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises) | 9 | - | - | - |
| Total | 68 | - | - | - |

## OFFICES SHOPS AND RAILWAY PREMISES ACT, 1963

### Regulations and General Inspections

| Class of Premises | No. of premises registered during the year | No. of registered premises at end of year | No. of registered premises receiving a general inspection during the year |
|---|---|---|---|
| Offices | 6 | 28 | 6 |
| Retail Shops | 6 | 57 | 23 |
| Wholesale Shops, Warehouses | 2 | 2 | 2 |
| Catering establishments open to the public, Canteens | - | - | - |
| Fuel Storage Depots | 1 | 1 | 1 |
| Totals | 15 | 88 | 32 |

| | |
|---|---|
| Total No. of visits of all kinds by Inspectors to Registered Premises under the Act | 32 |
| No. of Contraventions Found | NIL |

### Exemptions

| | |
|---|---|
| No. of applications received | NIL |
| No. of applications granted | NIL |
| Prosecutions | NIL |
| Reported Accidents | NIL |

## ESSEX COUNTY COUNCIL ACT, 1952 P.7.

### Houseboats

During the year five written consents to moor or place houseboats were issued. These houseboats are situated in the parishes of Althorne, Latchingdon and Tollesbury.

## PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The Council operates a rat destruction scheme and employs two full-time rat catchers. Work is carried out on farms, domestic premises and local authority undertakings, including refuse tips, sewage works and sewers throughout the whole of the rural district.

The following is an analysis of the work carried out by the rat catchers during the year.

| | Non-Agricultural | Agricultural |
|---|---|---|
| No. of properties in district | 9052 | 309 |
| Total No. of properties inspected as a result of notification | 225 | - |
| No. infested by rats | 151 | - |
| No. infested by mice | 74 | - |
| Total No. of properties inspected for reasons other than notification | 568 | 343 |
| No. infested by rats | 376 | 343 |
| No. infested by mice | 173 | 45 |

The Council also carries out narcotising of house sparrows at farms under licence from the Ministry of Agriculture, Fisheries and Food. During the year such treatments were carried out at five farms.

Table showing Census Population 1971, 1961 and 1951 by Parishes

| PARISH | 1971 | 1961 | 1951 |
|---|---|---|---|
| Althorne | 730 | 483 | 451 |
| Asheldham | 165 | 180 | 170 |
| Bradwell-on-Sea | 565 | 1116 | 680 |
| Braxted, Great | 320 | 322 | 363 |
| Braxted, Little | 130 | 131 | 162 |
| Cold Norton | 655 | 416 | 401 |
| Dengie | 115 | 117 | 165 |
| Fambridge, North | 460 | 240 | 278 |
| Goldhanger | 605 | 506 | 462 |
| Hazeleigh | 100 | 100 | 114 |
| Langford | 165 | 182 | 153 |
| Latchingdon | 1365 | 843 | 595 |
| Mayland | 870 | 484 | 426 |
| Mundon | 260 | 290 | 324 |
| Purleigh | 1175 | 914 | 886 |
| St. Lawrence | 280 | 248 | 151 |
| Southminster | 3210 | 1897 | 1444 |
| Steeple | 375 | 338 | 330 |
| Stow Maries | 210 | 182 | 182 |
| Tillingham | 865 | 764 | 683 |
| Tollesbury | 1760 | 1577 | 1594 |
| Tolleshunt D'Arcy | 1030 | 864 | 758 |
| Tolleshunt Knights | 595 | 326 | 405 |
| Tolleshunt Major | 425 | 341 | 403 |
| Totham, Great | 2250 | 1291 | 1221 |
| Totham, Little | 335 | 237 | 292 |
| Ulting | 135 | 108 | 132 |
| Wickham Bishops | 1680 | 911 | 866 |
| Woodham Mortimer | 445 | 434 | 341 |
| Woodham Walter | 585 | 499 | 531 |
| TOTALS | 21855 | 16341 | 14963 |

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